

```
n = int(input("Number : "))

sum_credit = 0
sum_weight = 0
for i in range(n):
    grade = input("Grade: ")
    credit = int(input("Credit: "))

    if (grade.upper() == "A"):
        weight = credit*4
    elif (grade.upper() == "B"):
        weight = credit*3
    elif (grade.upper() == "C"):
        weight = credit*2
    elif (grade.upper() == "D"):
        weight = credit*1
    else :
        weight = 0

    sum_credit = sum_credit+credit
    sum_weight = sum_weight+weight

print("GPA:",sum_weight/sum_credit)
```